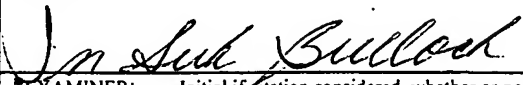
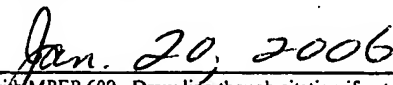


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					2003B112		Unassigned	
					APPLICANT			
					Sher et al.			
					FILING DATE		GROUP	
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U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JB		4,014,913	03/29/77	Ellgen et al.	260	449		
		4,111,837	09/05/78	Taylor	252	430		
		4,122,110	10/24/78	Sugier et al.	260	449.5		
		4,133,966	01/09/79	Pretzer et al.	568	902		
		4,233,466	11/11/80	Fiato	568	902		
		4,239,924	12/16/80	Pretzer et al.	568	902		
		4,239,925	12/16/80	Pretzer et al.	568	902		
		4,253,987	03/03/81	Fiato	252	429 R		
		4,270,015	05/26/81	Knifton	585	324		
		4,304,946	12/08/81	Isogai et al.	568	902		
		4,324,927	04/13/82	Gauthier-Lafaye et al.	568	902		
		4,328,379	05/04/82	Devon	568	902		
		4,339,545	07/13/82	Knifton	518	700		
FOREIGN PATENT DOCUMENTS								
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							YES	NO
JB		GB 2 083 465	03/24/82	United Kingdom	C07C	29/32		
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
EXAMINER					DATE CONSIDERED			
								
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,371,724	02/01/83	Lin et al.	568	902	
		4,424,383	01/03/84	Cornils et al.	568	902	
		4,424,384	01/03/84	Lin et al.	568	902	
		4,622,343	11/11/86	Knifton et al.	518	700	
		4,670,620	06/02/87	Jacobs et al.	585	640	
		4,698,452	10/06/87	Le Van Mao et al.	585	640	
		4,751,248	06/14/88	Lin et al.	518	707	
		4,752,623	06/21/88	Stevens et al.	518	714	
		4,825,013	04/25/89	Quarderer et al.	568	902.2	
		4,954,665	09/04/90	Vidal	568	902.2	
		5,070,016	12/03/91	Hallberg	435	132	
		5,169,869	12/08/92	Miller et al.	518	713	
		5,493,064	02/20/96	Vanderspurt et al.	568	905	
		5,627,295	05/06/97	Sofianos et al.	556	27	
		5,657,421	05/26/98	Choudhary et al.	502	328	
	2001/0047040	11/29/01	Agee et al.	518	704		

FOREIGN PATENT DOCUMENTS								
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							YES	NO

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)		

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JB	AA	4,605,677	08/12/86	Knifton	518	700	
JB	AB	6,441,262	08/27/02	Fung et al	585	640	
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**FOREIGN PATENT DOCUMENTS**

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							YES	NO
JB	AN	DD 257 740	06/29/88	German Democratic Republic				
JB	AO	GB 2 078 745	01/13/82	Great Britain				
JB	AP	EP 0 109 645	05/30/84	Europe				

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

JB	AP	DialogIP Abstract of DD 257 740, June 29, 1988
JB	AQ	DialogIP Abstract of EP 109 645, May 30, 1984

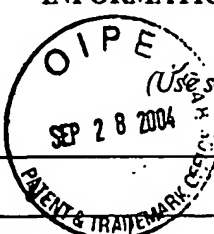
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				2003B112		10/717,006	
				APPLICANT			
				Van Egmond et al.			
				FILING DATE		GROUP	
November 19, 2003		1714					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JB</i>	AA	4,638,106	01/20/87	Pieters et al	585	640	
<i>JB</i>	AB	4,791,141	12/13/88	Chaumette et al	518	713	
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FOREIGN PATENT DOCUMENTS							
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<i>JB</i>	AN	2004/060841	22.07.04	PCT			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
<i>JB</i>	AP	J P Leonard et al: "Non-Conventional Sources for Ethylene?" Energy Progress, vol. 1, no. 1-4, 1981, pages 41-44 US New York, NY					
<i>JB</i>	AQ	Database Chemabs 'Online! Chemical Abstracts Service, Columbus, Ohio, US; Takeuchi, Kazuhiko: "Synthetic process of basic chemicals from syngas", retrieved from STN Database accession no. 1997: 2165 *abstract* & Shokubai, 38(8), 604-610 Coden: Shkuaj; ISSN: 0559-8958, 1996					
EXAMINER				DATE CONSIDERED			
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DB	AA	4,398,050	08/09/83	Hofstadt et al	585	640	
DB	AB	4,596,782	06/24/86	Courty et al	502	302	
DB	AC	4,638,106	01/20/87	Pieters et al	585	640	
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**FOREIGN PATENT DOCUMENTS**

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							YES	NO
DB	AJ	DE 31 13 838	07.01.82	Federal Republic of Germany (Abstract)				

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

DB	AK	Japanese Journal article Kazuhiko Takeuchi, "Synthetic Process of Basic Chemicals from Syngas," 38(8) Shokubai Gakkai pp. 604-610 (1996). (Abstract)
DB	AL	U.S. Patent Application No. 10/716,685 filed November 19, 2003, "Methanol And Fuel Alcohol Production For An Oxygenate To Olefin Reaction System", Inventors: Marcel Janssen, Cor F. van Egmond, Luc Martens, and Jaimes Sher, (Attorney Docket No. 2003B111)
DB	AM	U.S. Patent Application No. 10/716,894 filed November 19, 2003, "Methanol And Ethanol Production For An Oxygenate To Olefin Reaction System", Inventors: Cor F. van Egmond, Andrew Argo, Teng Xu, Marcel Janssen, and Jaimes Sher, (Attorney Docket No. 2003B113)

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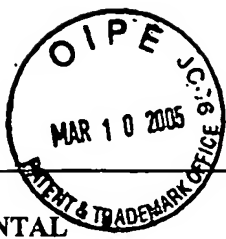
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## U.S. PATENT DOCUMENTS

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	AC						
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## FOREIGN PATENT DOCUMENTS

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							YES	NO
	AE							
	AF							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

<i>DB</i>	AH	Scheeline, et al, "Ethylene By Methanol Homologation", Process Economics Program, SRI International, Menio Park, California, PEP Review No. 80-1-3, (March 1981), pp. 1-20						
<i>DB</i>	AI	"Alternative Fuels and Chemicals From Synthesis Gas", Technical Progress Report No. 37, For the Period 1 January - 31 March 1999, Air Products and Chemicals, Inc., Prepared for the United States Department of Energy, pp. 1-26						
<i>DB</i>	AJ	Norcio, et al, "Higher Alcohol Synthesis From Methanol or Syngas", Department of Chemical Engineering, pp. 37-41						
	AK							

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				2003B112		10/717,006	
				APPLICANT			
				Van Egmond et al			
FILING DATE				GROUP			
November 19, 2003				1714			
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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<b>OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)</b>							
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SHEET 1 OF 1

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				2003B112		10/717,006	
				APPLICANT			
				Van Egmond et al.			
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
OB	AK	Yamamoto and Inui, "Highly Effective Synthesis of Ethanol from CO <sub>2</sub> on Fe, Cu-Based Novel Catalysts", <i>Advances in Chemical Conversions for Mitigating Carbon Dioxide</i> , Studies in Surface Science and Catalysis, Vol. 114, 1998 Elsevier Science B.V., pp. 513 - 516					
	AL						
	AM						
EXAMINER <i>Jim Sid Bullard</i>				DATE CONSIDERED <i>Jan. 20, 2006</i>			
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